



Atty. Docket No.: 22620/1280

PATENT

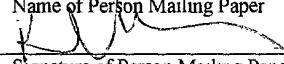
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Jonathan Karn  
Serial No.: 09/746,170  
Filed: December 22, 2000  
Entitled: METHODS AND COMPOSITIONS  
UTILIZING HEPATITIS C VIRUS

Examiner: Not Yet Assigned  
Group Art Unit: Not Yet Assigned  
Conf. No.: 2924

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. **EL728730454** on this date, **October 2, 2001**, postage prepaid, in an envelope addressed to Box: Missing Parts, Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams  
Name of Person Mailing Paper  
  
Signature of Person Mailing Paper

Box: Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NON-PROVISIONAL APPLICATION**

Sir:

This is filed in response to the Notice to File Missing Parts of Non-Provisional Application mailed April 3, 2001.

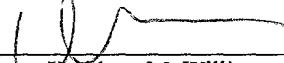
1. The Notice stated that the basic filing fee and additional claims fee is missing. A check is enclosed in the amount of \$1,873.00 which includes:
  - a) \$355.00 basic filing fee for small entity;
  - b) \$733.00 additional claims fee;
  - c) \$65.00 surcharge for late filing fee or declaration; and
  - d) \$720.00 extension of time.
2. The Notice stated that the Declaration is unsigned.  
An executed Declaration/Power of Attorney is enclosed.
3. The Notice stated that the specification does not comply with 37 CFR 1.52.  
A substitute specification and marked version are submitted herewith.
4. The Notice stated that substitute drawings are required because the informal drawings do not meet the margin requirements.

Informal drawings with margins of at least 2.5 cm (top), 2.5 cm (left), 1.5 cm (right) and 1.0 cm (bottom) is submitted herewith.

5. Applicants, in compliance with 37 C.F.R. 1.821(f), hereby state that the information recorded in computer readable form submitted herewith is identical to the written sequence listing. Applicants, in compliance with 37 C.F.R. 1.821(g), further state that no new matter is added.

6. Paper and computer readable copy of Sequence Listing.

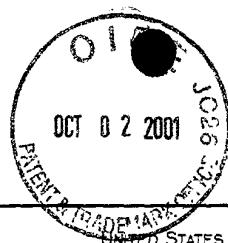
Respectfully submitted,

  
Name: Kathleen M. Williams  
Registration No.: 34,380  
Palmer & Dodge LLP  
One Beacon Street  
Boston, MA 02108  
Tel: 617-573-0100

Date: October 2, 2001

10-03-01

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D C 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/746,170	12/22/2000	Jonathan Karn	22620/1280

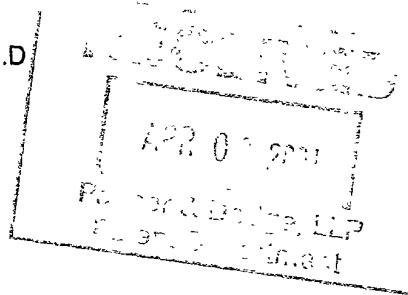
## CONFIRMATION NO. 2924

## FORMALITIES LETTER



\*OC00000005931447\*

KATHLEEN M. WILLIAMS, PH.D  
Palmer & Dodge, LLP  
One Beacon Street  
Boston, MA 02108



Date Mailed: 04/03/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 355 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$733.
  - \$558 for 62 total claims over 20.
  - \$40 for 1 independent claims over 3 .
  - \$135 for multiple dependent claim surcharge.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1153.**

09/746170  
00 00 00 00 00 00  
370.00  
42.00  
558.00  
140.72  
44.45

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

Docketed Dodge  
Response Due Apr 30 to NCMP  
Statutory Period 6/3/01 (10/3/01) Final  
Palmer & Dodge LLP  
Patent Department

The required item(s) identified below must be timely submitted to avoid abandonment:

22.00 CH

- A substitute specification in compliance with 37 CFR 1.52 because:
  - Papers contain improper margins. *Each sheet must have a left margin of at least 2.5 cm (1") and top, bottom and right margins of at least 2.0 cm (3/4")*
- Substitute drawings in compliance with 37 CFR 1.84 because:

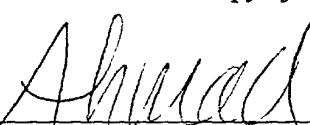
- drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1);
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

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*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY